



STATE OF UTAH
NATURAL RESOURCES
Water Rights

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Robert L. Morgan, State Engineer

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April 8, 1991

Division of Oil, Gas & Mining
Attn: Daron Haddock
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: NEICO State Leases ML-21568 and ML-21569,
Genwal Coal Company, Crandall Canyon Mine

Dear Daron:

Genwal's amended plans (Chapter 14) for the Crandall Canyon Mine have been reviewed. In light of recent discussions regarding possible mining related impacts to the regional ground and surface water supplies, several comments are listed below.

1. According to pages 4-18 through 14-23, an increase in mine inflows is expected primarily due to the relationship of the Hiawatha Coal Seam and the potentiometric surface of the Blackhawk-Star Point Aquifer. Further, construction or enlargement of surface sedimentation ponds may be required in order to adequately treat the additional water. The construction or reconstruction of sedimentation ponds is permitted by this office and should receive prior approval before commencing with ground work.

2. Upon determination that a water right has become adversely affected by mining operations, any mitigation proposals should be coordinated with this office.

3. The installation of monitor/observation wells that may be required in the future should also be approved by this office.

At this time, these issues do not require further processing from our office. However, we should be kept apprised of water right developments as they occur. Should you have any questions regarding the foregoing comments, please feel free to contact me.

Sincerely,

William A. Warmack

William A. Warmack
Assistant Area Engineer

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OIL GAS & MINING